"ICT"

December Exam (Theme 1 + Theme 2 lessons 1, 2 and 3)

Lesson 1

Q1.Choose

1. Archaeologists use this tool to locate things above the ground.

(GPR / magnetometer / GPS)

2. Archaeologists use this tool to locate things under the ground

(GPR / drone / GPS)

3. You want to see if there are any old coins buried underground, you will use ……

(Drone / GPS / GPR)

4. You receive a message from a friend who is lost and you want to try to find them, you will use ………….

(GPR / magnetometer / GPS)

5. You want to find out if there are any old buildings under the ground, you will use ………

(Drone / GPS / GPR)

Q2.Put true (✓) or false (✗)

1. Magnetometer used to discover minerals under the ground.   (   )

2. GPR is used to discover buried bodies under the ground.   (   )

3. Engineers use magnetometer to indicate building places.   (   )

4. Tourist doesn't need GPR to know places.   (   )

5. The basic target from adding GPS to mobile phones to know the

   archaeological places.   (   )

6. Magnetometer uses to discover minerals below the ground. (   )

Q3.Fill in the spaces using the words below

GPS   GPR   Magnetometer   Drone   Satellite

1. ……………… is away to find location of something using satellites.

2. Scientist use ………………… and ……………… to collect photographs.

3. Technological tool measures a magnetic field is ……………….

4. ……………….. Can discover objects buried underground.

Q4.Think and Answer (short answer questions)

A) Technological tool could be used for each situation?

1. You want to see if there are any old coins buried underground.
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2. You receive a message from a friend who is lost and you want to try to find them.
   ----

3. You want to find out if there are any old buildings under the ground.

B) Name two tools that archeologists can use to explore the earth?

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Lesson 2

Q1.Match

1. printing machine, calculator   **a. Electronic Age**   ( )
   and typewriter

2. Satellite, smartphones, online maps   **b. Mechanical Age**   ( )
   and word processor

3. Pens, pencils, parchment, paper   **c. Pre Mechanical Age**   ( )
   and abacus

4. Telephone, telephone lines,   **d. Electro-Mechanical Age** ( )
   record player

2

Q2.Complete

1. Technology writing tools development time line:

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├────────┼──────────────┼──────────────┼──────────────→
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Pencils   ---------   ---------   ---------
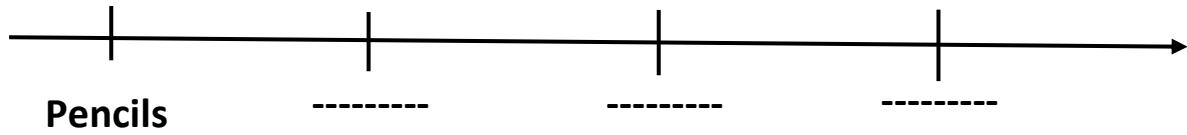
2. Technology calculations tools development time line:

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├────────┼──────────────┼──────────────────────────→
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 Abacus   ---------   ---------
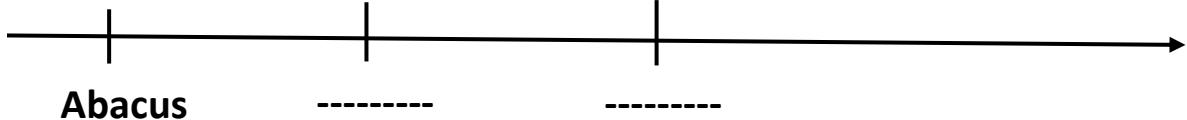
Q3.Choose

 1. People started to communicate through pictures during ………. Age.

(Electronic / Mechanical / Electro-Mechanical / Pre Mechanical)

2. People recorded a tremendous amount of information during ……… Age.

(Electronic / Mechanical / Electro-Mechanical / Pre Mechanical)

3. Electricity was first used during …………………Age.

(Electronic / Mechanical / Electro-Mechanical / Pre Mechanical)

4. The information explosion happened during ………………..Age.

(Electronic / Mechanical / Electro-Mechanical / Pre Mechanical)

5. Personal computers, laptops and satellites are key advancement during …………..Age.

(Electronic / Mechanical / Electro-Mechanical / Pre Mechanical)

Q4.Put true (✓) or false (✗)

1. Electricity appeared during Mechanical age.   (   )

2. Pascaline is one of Electronic Age tools.   (   )

3. The information Age still till now.   (   )

4. The first digital computer weighed 5 tons.   (   )

5. EKB website available online to understand more about history. (   )

Q5.Think and Answer (short answer questions)

A) What method of communication would you choose in each situation?

1. Your friend asks you if you can meet tomorrow, you need to send him/her a short reply to say yes.
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2. Your grandmother lives in a different place you want to tell her about what you learned in school and what you want to do when you visit her.
----

3. You want to send a short message to your cousin to say happy birthday.
----

4. You use at home in your daily life.

B) During which age was electricity first used?

C) Which age of technology do you find the most interesting, and why?

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Lesson 3

Q1.Choose

1. This component allows blind people to use computers.

   (Speaker / Speech Synthesizer / Screen / Braille terminal)
2. This component allows non-verbal people to speak.

   (Speaker / Speech Synthesizer / Screen / Braille terminal)
3. This component allows output of audio.

   (Speaker / Mic / Screen / Scanner)
4. This component allows input of text and images from paper.

   (Speaker / Mic / Screen / Scanner)
5. This component allows input of audio.

   (Speaker / Mic / Screen / Scanner)
6. We use keyboard to enter data then preview information on ………………..

   (Speaker / Mic / Screen / Scanner)

7. …………………… is the connection channel between user and CPU to achieve commands

   (App / operating system / software / Hardware)

4

Q2.Think and Answer (short answer questions)

According to the function write the name of computer component:

1. This component allows input of text and images from paper.
   (…………………………………………..)

2. This component displays Visual data: texts, images and videos.
   (………………………………………….)

3. This component allows input images.
   (……………………………………………….)

4. This component allows output of text and images on paper.
   (………………………………………………)

5. This component considered input and output at the same time.

Q3.Fill in the table below

Screen   Camera   Braille Terminal   Scanner   Microphone   keyboard

Speaker   Mouse   Printer   Touch screen   Speech Synthesizer

Input	Output

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Lesson4

Q1.Fill in the table below

CPU   gaming apps   Google Chrome browser   PowerPoint

Screen   Keyboard   Windows   Microsoft Word

Hardware	Operating System	Application Software
……………………………..	……………………………..	……………………………..
……………………………..	……………………………..	……………………………..
……………………………..	……………………………..	……………………………..

Q2.Put true (✓) or false (✗)

1. It sends commands to CPU to control the processed Data and the way of processing.

(MS Word / Operating System / Power Point / Google Chrome)

2. Physical parts of a computer are ……………….

(Operating System / Hardware / Software / Apps)

3. A set of instructions that directs a computer's hardware to perform a task is called

………………

(Operating System / Hardware / Software / Apps)

4. The ………….processes the Data and send information to Operating System.

(Mouse / CPU / Keyboard / Screen)

5. The **O**perating **S**ystem receives …………………. and shows at Screen.

(Information / orders / Data / letters)

6. …………… is considered the brain of computer.

(Mouse / CPU / Keyboard / Screen)

Q3.Think and Answer (short answer questions)

A) Rearrange the sentences below:

(   ) CPU sends information to operating system.

(   ) A student writes in MS Word.

(   ) The operating system receives the information and shows on Screen.

(   ) The CPU processes the DATA.

(   ) The operating system sends DATA to the CPU.

B) Write 3 devices that you would like to use during a video chat?

C) What is Software? Write one of them?

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Lesson5

Q1.Complete the sentences using the words below

Assistive Technology	**Stephen**	**Albert Lin Hand bike**
Para climbing tools	**Football that make noise**	**Assistive**
Hearing aids	**Alternative communication software**	

1. Stephen Hawking was a famous scientist who used ……………. Technology to help him communicate.
2. ………………… has an amputated leg, and he still travels around the word by using prosthetic leg
3. Help people who suffer from hearing problems to hear well is ……………
4. ……………………………… is Technological tools that help people of determination.
5. People who have visual impairment use ………………… to magnify everything on computer screen
6. ……………help people of determination to communicate with others.
7. It has 3 wheels and is powered by your hands it's ………………….
8. ……………………..allow climbers to climb mountains.

Q2.Think and Answer (short answer questions)

A) Write how the assistive technologies can be useful for people:

1. Sports balls that make a noise   (…………………………………………………….)

2. Cell phones with large buttons. (…………………………………………………….)

3. Hearing aids   (…………………………………………………….)

4. Screen magnification Software   (…………………………………………………….)

5. Motorized Wheelchairs.   (…………………………………………………….)

B) What is assistive Technology?

………………………………………………………………………………………….

C) Write one example on assistive Technology Tool that improve people's lives?

………………………………………………………………………………………….

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Lesson6

Q1.Choose

1. Press and hold the "Ctrl","Alt" and "del" buttons when …………………

   (Can't find a file / screen freezes/app can't open /pointer can't work)

2. Do a search using the search box next to the start button to   …………………

   (Find a file / screen freezes/app can't open /pointer can't work)

3. Restart your computer and try opening it again when …………………
   (Find a file / screen freezes/app can't open /pointer can't work)
4. Uninstall and reinstall the app when ………………………
   (Find a file / screen freezes/app can't open /pointer can't work)
5. You can use ………………………. To write school reports and Home work.
   (MS PowerPoint / MS word/MS Excel /Windows)

Q2.Read and Answer

A)

   ᘐ My PC suddenly, the screen freezes what can I do?
   1. …………………………………………………
   2. …………………………………………………
   ᘐ Maged can't find a file on his PC. What solutions could he try?
   1. ………………………………………………….
   2. ………………………………………………….
   ᘐ When Reem clicks on her music app, it doesn't open. What solutions could she try?
   1. ………………………………………………….
   2. ………………………………………………….
   ᘐ Karim tries to type his name and when he starts the keyboard isn't typing. What solutions could he try?
   1. ………………………………………………….
   2. ………………………………………………….
   ᘐ Jidda tries to open her favorite game but the mouse cursor isn't working. What solutions could he try?
   1. ………………………………………………….
   2. ………………………………………………….
B) Identify ICT problem, and how to solve?

Lesson 7

Q1.Choose

1. Scientists and archaeologists can ……………. To solve problems.

   (Read - write – search – ask)

2. The best way to interpret a lot of Data is to look for ………………

   (Face book - YouTube – Whats App – trends)

3. ………………………is a digital tool that can be used to organize Data.

   (MS PowerPoint – MS Excel – Windows – MS Word)

4. When you analyze the data you've collected, you review your ……………

   (Data – Findings – information – analyze)

5. Once you have analyzed the information you have collected, you're ready to graph the ……………..

   (Data – Findings – information – analyze)

6. The best program for analyzing data is …………………

   (MS PowerPoint – MS Excel – Windows – MS Word)

7. You can use it printed or digital to collect Data.

   (Survey – experiments – books – interviews)

8. The students do a ……………………. inside the class to collect Data about their favorite technology tool.

   (Survey – experiments – books – interviews)

9. Inside Since lab we make a lot of ……………………. With our teacher to collect Data.

   (Survey – experiments – books – interviews)

10. The most common graph is …………………… to graph information.

    (Line – Bar – column – Pie)

11. ……………………is an easy way to express survey results.

    (Survey – experiments – books – graph)

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Lesson 8

1. A common way to report Data is through ……………………….

   (Blog / Email / TV programs / Social Media)

2. …………. Is an online website where a writer or a group of writers share their views on an individual subject

   (Blog / interviews / TV programs / Social Media)

3. A blogger is someone who runs and controls a …………………..

   (Interviews / TV programs / Blog / Social Media)

4. Away to report information, it's a face-to-face conversation called …………………

   (Blog / interviews / TV programs / Social Media)

5. Away to report information by writing posts and comments through …………………

   (Blog / interviews / TV programs / Social Media)

6. Away to report information through talk show, this way called …………………

   (Blog / interviews / TV programs / Social Media)

7. ………….. It's a reliable source of information.

   (Google / EKB / Blog/ Social Media)

Q2.Think and Answer (short answer questions)

1. Mention two communication tools that you can use to communicate with your teacher and students?

   ……………………………………………………………………………………………

   ……………………………………………………………………………………………

2. What is the last stage after analyzing Data?

   ……………………………………………………………………………………………

3. What is the importance of communicating through electronic means with other?

   ……………………………………………………………………………………………

4. What is the best way to interpret a lot of DATA?

   ……………………………………………………………………………………………

5. Write three ways that researchers use to report Data?

   ……………………………………………………………………………………………

6. What is one reason a blog may not be a reliable source?

   ……………………………………………………………………………………………

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Lesson 1

Q1.Rearrange the sentences below:

( ) Cross check facts by trying to find them in more than one place.

( ) Decide what information you want to find out.

( ) Look carefully at the information that you have found.

( ) Tell the reader where the information came from.

( ) Think about the search terms or key words you will use.

Q2.Think and Answer (short answer questions)

1. What is the basic problem with finding out information?

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2. Why might it be easier to find information about some areas of research than others?

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3. List three sources researches can use to do research?

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Lesson 2

Q1.Complete the sentences, use the words from the box

Block	download	instant message	personal information	spam

1. An email from an unknown address that includes advertisements is likely to be …………………………..
2. When you ……………………….. a file, you save it to your device.
3. If you ……………… someone, they will no longer be able to contact you or view your account.
4. Think carefully before you share address or other ………………………. Online.
5. You can use …………………….. to communicate with friends.

Q2.Choose

1. You get a message from a stranger on your social media account sending you a video to watch what should you do?
   a. Down load the video to watch later.
   b. Write a replay and say you can't wait to watch it.
   c. Delete and ignore the message.
   d. Send him friend request.

2. A friend sends you a strange picture that scares you what should you do?
   a. Send the picture to all your friends.
   b. Copy the picture to your computer.
   c. Tell a parent.
   d. Send a message back with an even scarier picture.

3. If you accidently view unsafe or inappropriate site what should you do?
   a. Leave the site and tell your parent.
   b. Be panic.
   c. Keep the site opened.
   d. Stop using technology.

4. When you ……………………someone, that person can't see your posts or contact you.
   a. block   b. spam   c. download   d. share

5. …………… mail includes unwanted messages.
   a. block   b. spam   c. download   d. share

6. When you are using the internet, you might want to …………….. a file.
   a. block   b. spam   c. download   d. share

7. If you have a message from someone who is bulling you
   a. block   b. spam   c. download   d. share

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1. What do computer viruses do to a device and to the information on the device?

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2. What should you do before tagging a friend in a photo or post?

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3. What is an example of online bullying?

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Lesson3

Q1.Choose

1. Nadia went to her friend's birthday party, she took a lot of photos what should she do?
   a. **Share all photos on face book.**
   b. **Tagged all her friends in a post.**
   c. **Take a permission from her friends to share.**
   d. **Select the funniest ones and share.**

2. One of ethical behavior is to ……..…….….. a source.
   a. **ignore**   b. **credit**   c. **mention**   d. **edit**

3. When you tag someone, the tag provides a …………. To the person's profile.
   a. **link**   b. **message**   c. **request**   d.

4. It's a software which you can use to create presentations.
   a. **Windows**   b. **MS Word**   c. **PowerPoint**   d. **google.**

5. This type of sites can may publish inaccurate and harmful material.
   a. **Trusted sites**
   b. **Scientific sites**
   c. **Banned sites**
   d. **Communication site**

Q2.What are the pros and Cons of ICT tools in everyday life?

Pros of using ICT tools	Cons of using ICT tools

ෆ Good luck ଓ

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